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AMENDMENTS TO THE CLAIMS

1-56. (Cancelled)

57. (Currently amended): A modified pigment product comprising a pigment having attached at least one aromatic or alkyl group X, wherein X is substituted with at least one group comprising the formula:



wherein "polymer" represents a polycarbonate group, a ~~polyelectrolyte group~~, a polyether group, a polyimide group, a polyurethane group, a polyamide group, a polyester group, poly(vinyl alcohol), or combinations thereof, optionally having at least one -X' group, wherein X' comprises at least one aromatic group or at least one alkyl group, and each X and X' can be the same or different and are directly attached to the pigment, R represents hydrogen, a bond, a substituted or unsubstituted alkyl group, or a substituted or unsubstituted aromatic group, and the total amount of monomer groups of "polymer" is not greater than about 500 monomer repeating units, and when R represents a bond, R optionally bonds to said pigment.

58. (Previously presented): The modified pigment product of claim 57, wherein at least one X' group is attached to said pigment.

59. (Previously presented): The modified pigment product of claim 57, wherein X is an aromatic group.

60. (Previously presented): The modified pigment product of claim 57, wherein X is further substituted with at least one functional group.

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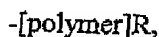
61. (Previously presented): The modified pigment product of claim 60, wherein said functional group is a carboxylic group or a sulfonate group.

62. (Previously presented): The modified pigment product of claim 57, further comprising a second chemical group attached to said pigment.

63. (Previously presented): The modified pigment product of claim 62, wherein the second chemical group comprises a carboxylic group, a sulfonate group, or salts thereof.

64. (Previously presented): The modified pigment product of claim 62, wherein the second chemical group is a carboxyphenyl group, a sulfophenyl group, or salts thereof.

65. (Currently amended): An ink composition comprising a) at least one liquid vehicle; and b) at least one modified pigment product comprising a pigment having attached at least one aromatic or alkyl group X, wherein X is substituted with at least one group comprising the formula:



wherein "polymer" represents a polycarbonate group, a ~~polyelectrolyte group~~, a polyether group, a polyimide group, a polyurethane group, a polyamide group, a polyester group, poly(vinyl alcohol), or combinations thereof, optionally having at least one -X' group, wherein X' comprises at least one aromatic group or at least one alkyl group, and each X and X' can be the same or different, R represents hydrogen, a bond, a substituted or unsubstituted alkyl group, or a substituted or unsubstituted aromatic group, and the total amount of monomer groups of "polymer" is not greater than about 500 monomer repeating units, and when R represents a bond, R optionally bonds to said pigment.

66. (Previously presented): The ink composition of claim 65, wherein said ink composition is an inkjet ink composition.

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67. (Previously presented): The ink composition of claim 65, wherein X is an aromatic group.

68-69. (Cancelled)

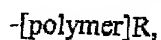
70. (Previously presented): The ink composition of claim 65, further comprising a second chemical group attached to said pigment.

71. (Previously presented): The ink composition of claim 70, wherein the second chemical group comprises a carboxylic group, a sulfonate group, or salts thereof.

72. (Previously presented): The ink composition of claim 70, wherein the second chemical group is a carboxyphenyl group, a sulfophenyl group, or salts thereof.

73-79. (Cancelled)

80. (Previously presented): An ink composition comprising a) at least one liquid vehicle; b) at least one modified pigment product comprising a pigment having attached at least one aromatic or alkyl group X, wherein X is substituted with at least one group comprising the formula:



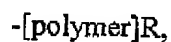
wherein "polymer" represents repeating monomer groups or multiple monomer groups or both, optionally having at least one $-\text{X}'$ group, wherein X' comprises at least one aromatic group or at least one alkyl group, and each X and X' can be the same or different, R represents hydrogen, a bond, a substituted or unsubstituted alkyl group, or a substituted or unsubstituted aromatic group, and the total amount of monomer groups of "polymer" is not greater than about 500 monomer repeating units, and when R represents a bond, R optionally bonds to said pigment., and c) at least one additional polymer.

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81. (Previously presented): The ink composition of claim 80, wherein the additional polymer is a polymer selected from the group consisting of: a polyester, a polyester-melamine, a styrene-acrylic acid copolymer, a styrene-acrylic acid-alkyl acrylate copolymer, a styrene-maleic acid copolymer, a styrene-maleic acid-alkyl acrylate copolymer, a styrene-methacrylic acid copolymer, a styrene-methacrylic acid-alkyl acrylate copolymer, a styrene-maleic half ester copolymer, a vinyl naphthalene-acrylic acid copolymer, a vinyl naphthalene-maleic acid copolymer, and salts thereof.
82. (Previously presented): The ink composition of claim 80, wherein the additional polymer is a styrenated acrylate.
83. (Previously presented): The ink composition of claim 80, wherein said "polymer" is a polycarbonate group, a polyelectrolyte group, a polyether group, a polyimide group, a polyurethane group, a polystyrene group, a polyacrylate group, a polyamide group, a polyester group, poly(vinyl alcohol), or combinations thereof.
84. (Previously presented): The ink composition of claim 80, wherein the ink composition is an inkjet ink composition.
85. (Previously presented): The ink composition of claim 84, wherein the liquid vehicle is an aqueous vehicle.
86. (Previously presented): An ink composition comprising a) at least one liquid vehicle; and b) at least one modified pigment product comprising a pigment having attached at least one aromatic or alkyl group X, wherein X is substituted with at least one group comprising the formula:



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wherein "polymer" represents repeating monomer groups or multiple monomer groups or both having at least one $-X'$ group, wherein each X and X' are the same and are attached to the pigment, R represents hydrogen, a bond, a substituted or unsubstituted alkyl group, or a substituted or unsubstituted aromatic group, and the total amount of monomer groups of "polymer" is not greater than about 500 monomer repeating units, and when R represents a bond, R optionally bonds to said pigment.